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Part Number: [0749934009](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Double End Wall Option, Solder Tail, 72 Circuits, Lead Free

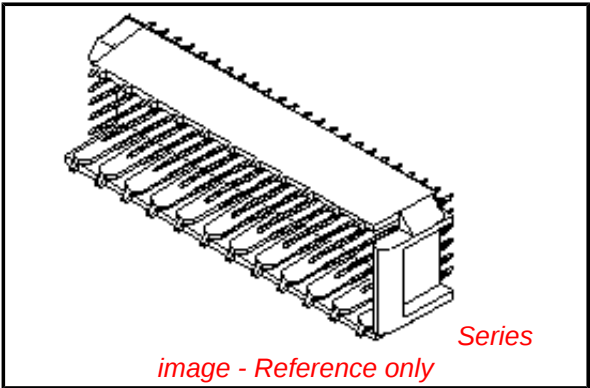
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73780-999 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	74993
Application	Backplane, Mezzanine
Component Type	PCB Header
Overview	hdm
Product Name	HDM®
Style	N/A

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	12
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.098 In
PCB Thickness Recommended (mm)	2.50 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	15
Plating min: Termination (µm)	0.375
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Reviewed	China RoHS
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Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[74993Series](#)

Electrical

Current - Maximum per Contact	1A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	250V AC

Material Info

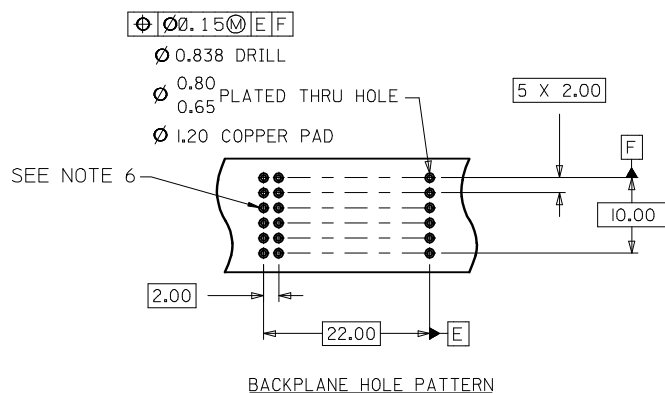
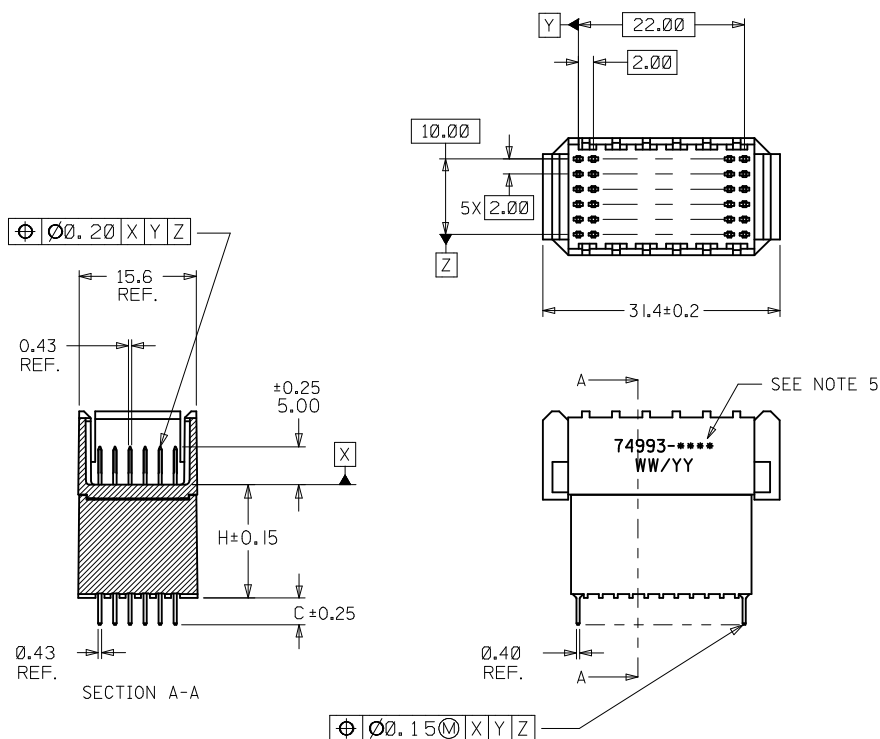
Reference - Drawing Numbers

Application Specification	AS-73642-9998
Packaging Specification	PK-70873-0875
Product Specification	PS-73780-999
Sales Drawing	SD-74993-002

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This document was generated on 05/17/2010

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NOTES:

1. MATERIALS: HOUSING-LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL-94V-0, COLOR: BLACK, TERMINAL - PHOSPHOR BRONZE.
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETER MINIMUM THICKNESS, SELECTIVE TIN (Sn) ON PCB TAILS, 0.38 MICROMETER MINIMUM THICKNESS, NICKEL (Ni) UNDERPLATE OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73780-9999.
4. PACKAGE PER PK-70873-0870, PK-70873-0871, OR PK-70873-0875.
5. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE, APPROXIMATELY WHERE SHOWN.
6. HOLE SIZE SPECIFICATION IS FOR TIN/LEAD PLATED HOLES ONLY. FOR OTHER PLATING TYPES SEE MOLEX APPLICATION AS-73670-9996.
7. PART CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

REVISE NOTES			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: UCP2009-2054			▼=0				MM ONLY		2:1	METRIC	◎ □ PROJECTION	
DRWN: DANIELLEY 2009/07/08			▽=0		mm INCH		DRAWN BY DATE		TITLE	SALES ASSY HDM BACKPLANE STACKING MOD. LEAD FREE DOUBLE END WALL OPTION		
CHKD: BSMART 2009/07/09					4 PLACES ± --- ± ---		MIBARRA 2005/07/01					
APPR: SMILLER 2009/07/09					3 PLACES ± --- ± ---		CHECKED BY DATE					
					2 PLACES ± --- ± ---		BSMART 2005/07/01					
					1 PLACE ± --- ± ---		APPROVED BY DATE					
					ANGULAR ±1/2°		SMILLER 2005/07/01		MOLEX	MOLEX INCORPORATED		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
							SEE TABLE		SD-74993-002		1 OF 2	
							SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MATERIAL NUMBER ASSIGNMENT

74993-* * 09

NUMBER	CIRCUIT SIZE	DIM "C"	TAIL STYLE
0	72	2.0	SOLDER
1	72	2.5	SOLDER
2	72	3.0	SOLDER
3	72	3.5	SOLDER
4	72	3.5	PRESSFIT

NUMBER	DIM "H"
0	6.05
1	10.05
2	15.05

CONVERT FROM ME10
EC NO: UCP2009-2054
DRWNSDANIELLEY 2009/07/08
CHKDBSMART 2009/07/09
APPR:SMILLER 2009/07/09

REV
B

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- + ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
MIBARRA 2005/07/01
CHECKED BY DATE
BSMART 2005/07/01
APPROVED BY DATE
SMILLER 2005/07/01
MATERIAL NO.
SEE TABLE
SIZE C

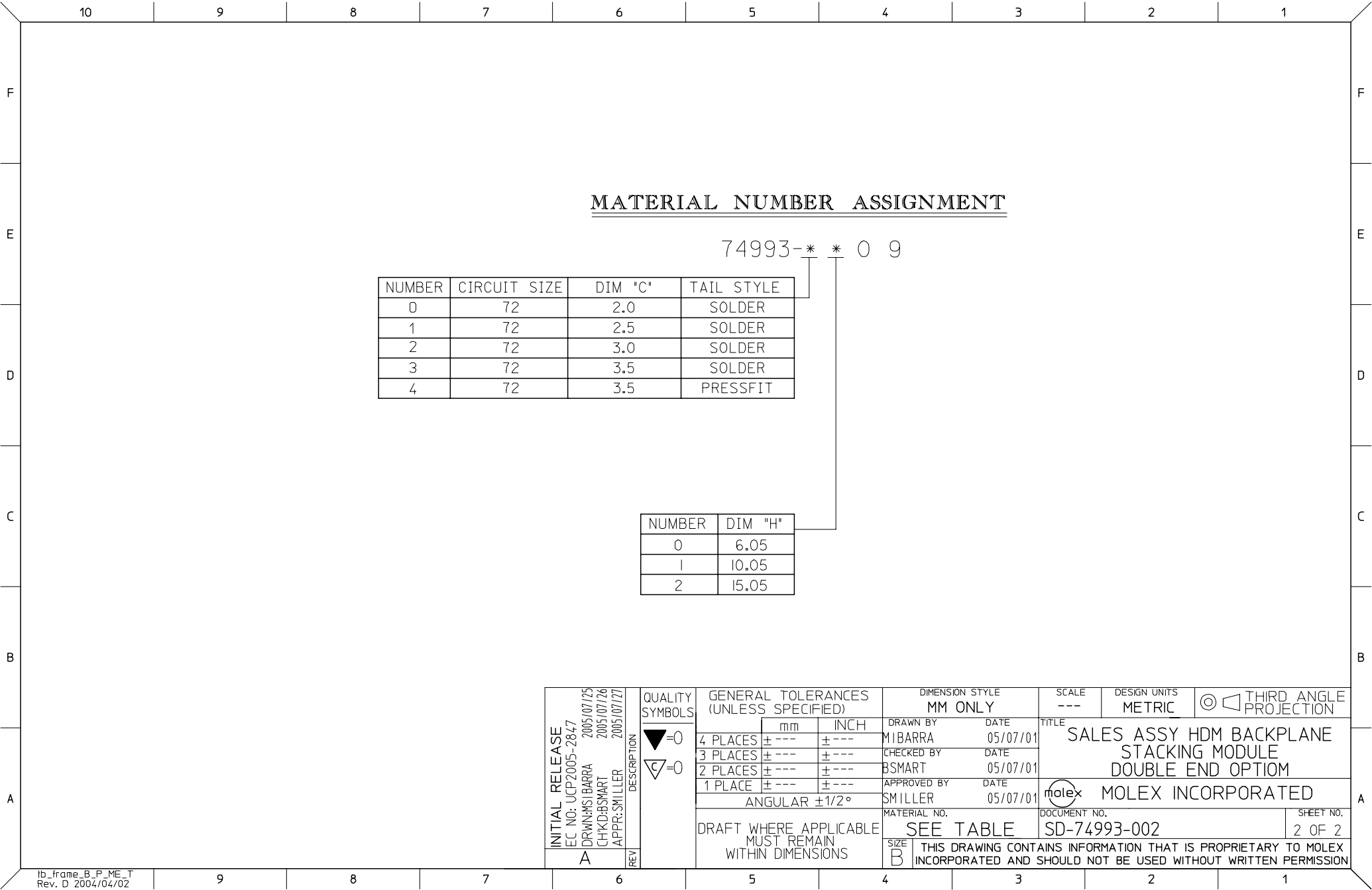
SCALE
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
SALES ASSY HDM BACKPLANE
STACKING MOD. LEAD FREE
DOUBLE END WALL OPTION
DOCUMENT NO.
SD-74993-002
SHEET NO.
2 OF 2

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1b_frame_C_P_AM_T
Rev. E 2006/04/15

121110987654321

121110987654321



MATERIAL NUMBER ASSIGNMENT

74993-* * 0 9

NUMBER	CIRCUIT SIZE	DIM "C"	TAIL STYLE
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INITIAL RELEASE EC NO: UCP2005-2847 DRAWN BY: MIBARRA 2005/07/25 CHKD BY: BSMART 2005/07/26 APPR BY: SMILLER 2005/07/27	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY MIBARRA	DATE 05/07/01	TITLE SALES ASSY HDM BACKPLANE STACKING MODULE DOUBLE END OPTION		
		4 PLACES	± ---	± ---	CHECKED BY BSMART	DATE 05/07/01			
		3 PLACES	± ---	± ---	APPROVED BY SMILLER	DATE 05/07/01			
		2 PLACES	± ---	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-74993-002			
		1 PLACE	± ---	± ---	ANGULAR ±1/2°		MOLEX INCORPORATED		SHEET NO. 2 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Тестирование поставляемой продукции.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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